

CURRICULUM VITAE

PERSONAL DATA

Name: Timothy P. Hofer
Citizenship: United States

EDUCATION

1972 – 1975 High School Diploma, Phillips Academy, Andover, MA
1975 - 1980 Biochemistry AB, Harvard University, Cambridge, MA
1981 – 1985 MD, School of Medicine, University of California, San Francisco, CA
1989 – 1991 MSc, Program in Clinical Epidemiology, Research and Design and Statistical Analysis, Department of Biostatistics, School of Public Health, University of Michigan, MI
1991 Visiting Scholar- Summer Program, Inter-university Consortium for Political and Social Research, Ann Arbor, MI
1991 – 1992 Department of Biostatistics, School of Public Health, University of Michigan, Ann Arbor, MI

POSTDOCTORAL TRAINING

7/86 – 6/87 Intern, University of California, San Francisco Hospitals
7/87 – 7/89 Resident, University of California, San Francisco Hospitals Internal Medicine - primary care track based at San Francisco General Hospital.
7/89 – 6/91 Postdoctoral Fellowship, National Center for Health Services Research Fellowship in General Internal Medicine, Division of General Internal Medicine, University of Michigan Medical Center.

SENIOR POSTDOCTORAL TRAINING

9/01 – 9/02 Sabbatical leave, Ann Arbor, MI

ACADEMIC EMPLOYMENT/EXPERIENCE

9/00-present Associate Professor, Division of General Medicine, Department of Internal Medicine, University of Michigan and Department of Ambulatory Care, Ann Arbor VA.
9/95-8/00 Assistant Professor, Division of General Medicine, Department of Internal Medicine, University of Michigan and Department of Ambulatory Care, Ann Arbor VA.
9/93-9/95 Instructor, Division of General Medicine, Department of Internal Medicine, University of Michigan and Department of Ambulatory Care, Ann Arbor VA.

- 7/93-present Health Services Research Scientist, HSR&D Center of Excellence,
Department of Veterans Affairs, Ann Arbor.
- 7/91-8/93 Lecturer, Division of General Medicine, Department of Internal Medicine,
University of Michigan and Department of Ambulatory Care, Ann Arbor VA.

ACADEMIC ADMINISTRATIVE APPOINTMENTS

None

CLINICAL HOSPITAL APPOINTMENTS

- 7/91-present Physician, University of Michigan Hospital
- 7/91-present Physician, Ann Arbor VA Hospital

CONSULTING POSITIONS

None

SCIENTIFIC ACTIVITIES

Reviewer

- 1992-present Medical Care
2001 Award for review quality in top 5% 1996-2001
- 1994-1995 Southern Medical Journal
- 1995 Operations Research
- 1996-present Journal of the American Medical Association
- 1997-present Journal of General Internal Medicine
- 1999-present American Journal of Medicine
- 1999-present Annals of Internal Medicine
- 1999-present Health Services Research
- 2000-present American Journal of Managed Care
- 2001-present Health Services and Outcomes Research Methodology
- 2001-present Medical Care Research and Review
- 2002-present Lancet

GRANT SUPPORT

Current

VA Merit, Health Services Research and Development (Grant # IIR 02-225-1). "Addressing Barriers to Translation for Treatment of Hypertension". Principal-investigator (w. Eve Kerr, MD) 20% effort. 3/1/04-12/30/07, Total direct costs \$1,256,563.

AHRQ (Grant P20-H511540-01). “Targeting Interventions to Reduce Errors.” Principal Investigator, 30% effort. 9/1/01 – 8/31/04; Direct Costs \$600,000

VA Merit, Health Services Research and Development (Grant #DIB 98-001). “Quality Enhancement Research Initiative – Diabetes Mellitus.” Co-Investigator, 20% effort. (Principal Investigator: Rodney A. Hayward MD). 06/30/03 – 07/1/08; Direct Costs \$1,000,000.

VA Center of Excellence, Health Services Research and Development. “Center for Practice Management and Outcomes Research”, Director, Measurement and Analysis Core, 10% effort. (Principal Investigator: Rodney Hayward, MD) 10/01/99-9/30/04; Direct Costs \$3,000,000.

Robert Wood Johnson Foundation. “RWJ Clinical Scholars Program” Co-investigator, 5% effort. (Principal Investigator: Joel Howell MD) 7/1/01-6/30/05; \$4,000,000

VA Merit, Health Services Research and Development (Grant #IIR 02051-1). “Variation in ICU Outcomes.” Co-Investigator, 10% effort. (Principal Investigator: Marta Render MD). 10/01/2002 – 9/30/04; Direct Costs \$234,900.

Past

VA Merit, Health Services Research and Development (Grant #IIR 98103-1). “Evaluating the Performance of Explicit Quality Monitoring Systems in the VHA” Co-Investigator, 5% effort. (Principal Investigator: Eve Kerr, MD). 1/01/00 – 9/30/03; Direct Costs \$ 739,219.

VA Merit, Health Services Research and Development (Grant #DIB 98-001). “Quality Enhancement Research Initiative – Diabetes Mellitus.” Co-Investigator, 20% effort. (Principal Investigator: Rodney A. Hayward MD). 07/01/98 – 06/30/03; Direct Costs \$1,000,000.

NIH (Grant #P60-KD20572). Outcome Evaluation Core “Michigan Diabetes Research and Training Center” co-investigator 5% effort (Principal Investigator William Herman). 4/1/98-11/30/02, \$208,000

VA Merit, Health Services Research and Development (Grant #IIR 99257-1). “Automated ICU Risk Adjustment Performance.” Co- Investigator, 5% effort. (Principal Investigator: Marta Render MD). 07/01/2000 – 06/30/02; Direct Costs \$503,400.

Robert Wood Johnson Foundation. “Trends in Breast and Cervical Cancer Screening in the United States and Canada.” Co-investigator, 5% effort. (Principal Investigator: Steven Katz MD) 1/1/01-6/30/02; \$49,913.

VA Merit, Health Services Research and Development (Award #RCD 91-303). “Where Report Cards Fear to Tread: Patient Preferences, Physician Communication and Multiple Diagnoses.” Advanced Research Career Development Award, Research Associated Level II. Principal Investigator, 100% effort. 07/01/98 – 06/30/01; Direct costs (total project period) \$425,000.

VA Merit, Health Services Research and Development (Grant #IIR 97078-1). “Patient Preferences and the Care of Diabetes.” Co-Principal Investigator, 20% effort. 09/01/98 – 08/31/01; \$280,000.

Agency for Health Policy Research (AHCPR) (Grant #HS09838). “Medical Innovations and Changes in Practice Patterns.” Co-Investigator, 5% effort.(Principal Investigator: Michael Chernew PhD) 8/01/98-8/1/00; \$49,000.

Robert Wood Johnson Foundation (HCFO Proposal P-218). “A Comparison of Risk-Adjustment Methodologies Used in Profiling Physician Practice Efficiency” Co-Investigator, 15% effort (Principal Investigator: J. William Thomas PhD). 05/01/99 – 04/30/01; \$448,707.

VA Merit, Health Services Research and Development (Grant #IIR 94-131). “Evaluation Quality of Care Screens from Laboratory Databases.” Principal Investigator, 35% effort. 09/01/95 – 02/28/99; \$575,000.

VA Merit, Health Services Research and Development (Grant #RCD-91-303). “Evaluating Indicators of Quality and Efficiency of Health Care.” Research Career Development Award, Research Associate Level I, Principal Investigator, 100%. 07/01/95 – 06/30/98; \$375,000.

National Cancer Institute (Grant # R03-CA72620-01). “Preventive Services Utilization in Canada and the United States.” Co-Investigator, 25% effort (Principal Investigator: Steven Katz MD). 12/01/96-12/1/97; \$49,993.

Veterans Affairs Center for Practice Management and Outcomes (Grant #LIP 41-076). “Comparing Risk-Adjusted LOS with Variation in Intensity of Service and Severity of Illness”. Principal Investigator, 25% effort. 9/30/95 - 9/30/96, \$35,000.

Robert Wood Johnson Foundation “Comparing Hospital and Physician Resource Use in Canada and the United States.” Co-Principal Investigator, 20% effort. 09/93 – 09/94; \$49,998.

Pending

Robert Wood Johnson Foundation.(Grant #N002778 - funded) “RWJ Clinical Scholars Program” Co-investigator, 5% effort. (Principal Investigator: Joel Howell MD) 7/1/05-6/30/15;Total award \$10,000,000 (funded)

VA Merit, Health Services Research and Development (Grant# SAF 04-031). “Translating Infection Prevention Evidence into Practice.” Co-investigator, 10% effort. (conditional approval)

National Institute of Health (Grant # pending – conditional approval). Cost Effectiveness of Genetic Screening for Colon Cancer. Co-investigator 10% effort. 10/1/03-9/30/06, Total direct costs \$567,000.

CERTIFICATION AND LICENSURE

Medical Licensure: Medical License, Sate of California, 1987 – Present

Medical License, Sate of Michigan, 1989 – Present

Board Certification: Diplomate, National Board of Medical Examiners, 1985

American Board of Internal Medicine, 1989

BLS, ACLS American Heart Association, 11/09/96 - Present

HONORS AND AWARDS

- 1998 Blue Cross Blue Shield of Michigan Foundation 1997 Excellence in Research Award for Physicians in the area of Health Policy.
- 1998 Finalist, Peter Reizenstein Prize for best paper published in 1997 in The International Journal for Quality in Health Care.
- 1996 Finalist, Third Annual National Institute for Health Care Management Research Award for a paper titled "Identifying poor quality hospitals: Can hospital mortality rates be useful?"
- 1995 Outstanding Scientific Presentation awardee. Annual VA Health Services Research & Development Service Meeting, February 28 – March 3. (Re-presented at International Scientific Basis of Health Services Conference, September, 1995.)
- 1993 Junior Faculty Award for outstanding scientific presentation at the Society for General Internal Medicine, national meeting, May 1993.
- 1980 Magna cum laude, A.B. in Biochemistry, Harvard University.

MEMBERSHIPS AND OFFICES IN PROFESSIONAL SOCIETIES

- 1991 - present Society for General Internal Medicine, Member
- 1991 - present American College of Physicians, Member
- 1996 - 2000 Central Society for Clinical Research, Member

TEACHING ACTIVITY

University of Michigan

Regular Teaching Responsibilities

- 1999 - present Robert Wood Johnson Clinical Scholars Program – Core Faculty. (involving significant participation in multiple teaching activities, including course planning for a new University-approved Masters program, multiple lectures and one-on-one mentoring)
- 2002 - present NIH K30 Training Program in Clinical Research - faculty
- 1992 - present Attending physician for general medical clinics at the Ann Arbor VA- responsible for direct supervision, teaching and monthly ambulatory care conference.
- 1992 - present Attending physician on inpatient service, Ann Arbor VA hospital 1 month per year.- responsible for patient care, resident and medical student education including 7-8 didactic hours per week.
- 1998 - present ITTP Problem Based Learning Ethics small group session facilitator.
- 1995 - 2001 Introduction to Clinical Medicine: "Reading the medical literature." Small group session leader . 2nd year medical students

- 1995 – 2001 Small group session leader, “Health Policy Seminar series.” Second year medical students Introduction to Clinical medicine.
- 1997 - 1999 Clinical Counselor to Senior Medical Students, Department of Medicine.
- 1994 - 1999 Robert Wood Johnson Clinical Scholars Program - Faculty Associate.
- 1997 - 1998 Hewlett Service Teaching Rounds.
- 1995 – 1997 Lecturer in Primary Care Noon Conference Series, Department of Medicine
- 1993 – 1994 Attending physician and co-director of the Women’s Health Clinic at the Ann Arbor VA, providing specialized teaching in Women’s health care for rotating medical residents.

Other teaching

- 1999 Faculty Evaluator - Comprehensive Clinical Assessment Exam for Medical Students July 12, 1999 [4.5 hrs]
- 1998 Invited presentation: “Diabetes Mellitus Tight Control - The good the bad and the ugly.” Advances in Internal Medicine Conference, University of Michigan Department of Medicine, May, 1998.
- 1996 Guest Lecture: “Assessing hospital performance with risk-adjusted outcomes.” Program in Health Services and Health Administration (OJOC), School of Public Health, University of Michigan, October 10, 1996.
- 1996 Grand Rounds: “A debate on the ACP cholesterol screening guidelines.” Department of Medicine, June 17, 1996.
- 1996 Invited presentation: “Primary prevention of stroke.” Advances in Internal Medicine Conference. University of Michigan Department of Medicine, April 29, 1996.

Dissertation Committees

- 1998 - 2000 Molla Donaldson, PhD candidate. Title: Continuity of Care: An Agency Theory Approach. Department of Health Management and Policy, School of Public Health.

Research Mentoring

- 2003 Mentor: VA CD Award application: Sanjay Saint MD, UM Associate Professor.
- 1995 – 2004 Primary Mentor: VA Career Development Award (1999-2001), VA Senior Career Development Award (2002-2004) also simulation methods for principal fellowship project (1995-1997), Sandeep Vijan MD, Assistant Professor, General Medicine.
- 2002-2003 Mentor: K23 & VA CD Award application: Lona Mody, MD, Fellow in Division of Geriatrics, UM.

2002	Mentor: K23 Award application, Catherine Kim, Asst. Prof. Internal Medicine, UM.
2002	Mentor: VA Merit Review Entry Program Career Development Award Application: Emily Patterson PhD, VA GAPS Patient Safety Center, Cincinnati Ohio. Funded 2003.
1999 – 2000	Mentor: Methodological support for third year resident project, Michele Heisler, MD, Internal Medicine Resident
1998 – 2000	Mentor: Logistic regression methods and study design, Andrew Rosenberg, MD, Robert Wood Johnson Clinical Scholar
1998 – 2000	Mentor: Quality assessment and regression methods, Sanjay Saint MD, Assistant Professor
1998 – 1999	Mentor: Reliability analyses for pilot project and grant planning, David Stern, MD, Assistant Professor
1996 – 1997	Mentor: Methodological support for third year resident project, Scott Furney MD, Internal Medicine Resident

EXTRAMURAL INVITED PRESENTATIONS

“Measurement of Error – measurement theory and the detection of medical errors” Making Health Care Safer Conference, October 21-22, 2004 (invited presentation and session leader), Royal College of Physicians of London.

"The Science of Quality Measurement: Are We Getting It Right?" (invited panelist) AcademyHealth meeting, San Diego, June 6-8, 2004

“From explicit to implicit. A comparison of three different methods of assessing quality of care.” (Invited research seminar) Department of Public Health and Epidemiology, University of Birmingham, England. Feb 17, 2004

“Quality Measurement through peer review.” Michigan State Medical Society Annual Meeting. Troy, Michigan. Nov 5, 2003.

“Measurement properties of implicit medical record review.” Conference on Tools and Methods for Monitoring Patient Safety: The Role of Medical Record Review, Agency for Health Care Quality and Research, Arlington Virginia. Saturday March 1st, 2003.

“Reliability of peer review.” Michigan State Medical Society Annual Meeting. Troy, Michigan. Nov 7, 2002.

“Provider Profiling.” Department of Surgery Research Conference, St Joseph’s Hospital, Ann Arbor, Michigan Sept 27, 1998.

“Measuring quality and efficiency” Division of General Internal Medicine Research Conference, UCSF-San Francisco VA, San Francisco, CA June 19, 1997

“Detecting a shadow in the dark: Is it possible to avoid the pitfalls in measuring quality and efficiency?” Hofer TP. VA Career Development Meeting, February 12, 1997.

“Primary Prevention of Stroke.” UM Affiliated Hospitals Program. Grand Rounds, St. Joseph’s Hospital, Pontiac, Michigan, April 11, 1997.

“Methods of presenting models of risk adjusted length of stay to providers.” Efficiency in Coronary Bypass Surgery National Conference, Veterans Affairs Hospital System. August 23-26, 1995.

OTHER PRESENTATIONS

“Measuring Quality of Care: Is there a role for peer review?” Hofer TP, Asch S, Hogan M, Adams J, Kerr E. VA Health Services Research and Development National Meetings. Washington, Feb 13-15, 2003.

“Physician’s understanding and misunderstanding of diabetes care priorities” Zemuncuk JK, Hofer TP, Hayward RA. Plenary Session, VA Health Services Research and Development National Meetings. Washington, Feb 13-15, 2002.

“Evaluating Quality of Care Screens from Laboratory Databases.” Hofer TP, Bernstein SJ, DeMonner S, Hayward RA. VA Health Services Research and Development National Meetings. Washington, Feb 14-16, 2001.

“Variation at Provider, Team and Clinic Site Level for Profile Measures Related to Diabetes Care.” Hofer TP, Krein S, Hayward RA. Society for General Internal Medicine 23rd Annual Mtg. May 2000

“Automated Intensive Care Unit severity.” Render ML, Lott JK, Finley J., Janz T, Weinberger M, Hayward R, Welsh D, Hofer TP. VA Health Services Research and Development National Meetings. Washington, (presented by Hofer TP) Mar 22-Mar 24 , 2000.

“Have Deaths Due to Medical Errors Been Overestimated?.” Hofer TP, Hayward RA. 3rd 3rd International Conference on the Scientific Basis of Health Services Research, Toronto. October, 1999.

“Variation at provider, team and facility level for profile measures related to diabetes care.” Hofer TP, Krein S, Davis J, Hayward RA. 3rd International Conference on the Scientific Basis of Health Services Research, Toronto. October, 1999.

“Discussion between reviewers does not improve reliability of peer review of hospital quality.” Hofer TP, Bernstein SJ, DeMonner S, Hayward RA. Society for General Internal Medicine, National Meeting, April, 1999

“Estimated benefits in reduction of microvascular complications from a national screening program for type 2 Diabetes.” Hofer TP, Vijan S, Hayward RA. Society for General Internal Medicine, National Meeting, April, 1998.

“Screening intervals for diabetic retinopathy: Are current guidelines justifiable?” Vijan S, Hofer TP, Hayward RA. VA Health Services Research and Development National Meetings. Washington, (presented by Hofer TP) Feb 18-Feb 20 , 1998.

“Hospital length of stay profiles show a high level of consistency over time and related clinical areas.” Hofer TP, Perkins T, Thomas JW. VA Health Services Research and Development National Meetings. Washington, Feb 28-Mar 1, 1996.

“Interpreting risk-adjusted length of stay patterns for VA hospitals.” Hofer TP, Thomas JW, Bates EW, Folz-Murphy, N, Webb C, Perkins A. Scientific Basis of Health Services Research, International Meeting, London, September 1995.

- “Education and income predict hospitalization rates similarly when derived from small area and individual level data.” Hofer TP, Wolfe RA, Yau HY, McMahon LF, Griffith JR. Society for General Internal Medicine, National Meeting, May, 1995.
- “Differences in health behaviors between the U.S. and Canada.” Hofer TP, Katz SJ. Oral presentation, Society for General Internal Medicine, National Meeting, May, 1994.
- “Will universal coverage improve access to preventive care for the poor? Breast and cervical cancer screening in Canada and the United States.” Katz SJ, Hofer TP. Oral presentation, Society for General Internal Medicine, National Meeting, May, 1994.
- “Can mortality rates accurately identify poor quality hospitals?” Hofer TP, Hayward RA. Oral presentation, Society for General Internal Medicine, National Meeting, May, 1994.
- “Clinician manager perspectives on risk adjusted outcome models.” Hofer TP. Oral presentation, American Public Health Association meetings, San Francisco, October, 1993.
- “When can early readmission rates accurately predict differences in hospital quality?” Hofer TP, Hayward RA. Oral presentation, Society for General Internal Medicine, National Meeting, May, 1993.
- “Comparing hospital use in Canada and the United States: Results from two population based health Surveys. Hofer TP, Katz SJ.” Oral presentation, Society for General Internal Medicine, National Meeting, May, 1993.
- “Designing a simpler high blood cholesterol case detection strategy: Are the advantages off the NCEP protocol worth the complexity?” Hofer TP, Weissfeld JL. Poster presentation, Society for General Internal Medicine, National meeting, April 29-May 1, 1992.

COMMITTEE AND ADMINISTRATIVE SERVICE

Local

- | | |
|----------------|--|
| 2002 – present | Ann Arbor VA Research Committee |
| 1998 – 2000 | Co - chair, Steering Committee for CPRS (electronic medical record) Introduction, Ann Arbor VAH. |
| 1996 – present | Research and Recruitment Committee - Ann Arbor VA HSR&D Field Program. |
| 1997 – 1998 | Ford/UMHS Partnership Health Data Management/Analysis Team. |
| 1995 – present | Chair, Computing and Data Management Committee, Ann Arbor VA HSR&D Field Program. |
| 1995 – 1996 | Search Committee for Associate Chief of Staff for Ambulatory Care, Ann Arbor Veterans Administration Hospital. |
| 1993 - 1995 | Steering committee for clinical information systems, Department of Medicine, University of Michigan |
| 1993-1996 | Hospital Computing Resources Advisory Committee, Ann Arbor VA. |

National and Regional

2002 – 2003	Scientific program committee of the 2003 ICHPR (International Conference on Health Policy Research) at the biennial meetings of the Health Policy Statistics section of the American Statistical Association
2003	Abstract Selection Committee, Quality and Patient Safety Theme, 2003 Academy Health 20th Annual Research Meeting.
2001 – 2002	Analytic Methodology Panel, Doctors Office Quality Project, Centers for Medicare and Medicaid Services (CMS, formerly HCFA)
2001 - 2002	Technical Expert Panel, Doctors Office Quality Project, Centers for Medicare and Medicaid Services (CMS, formerly HCFA)
1999	Abstract Selection Committee, Provider/Organization Centered Issues, Society for General Internal Medicine National Meeting.
1999 - 2000	Michigan Blue Cross Profiling Advisory Group
1996 – present	Standing Committee for Information Management, Veterans Integrated Service Network 11.
1996 to 1997	Career Development Program Review Committee reporting to the Chief Research and Development Officer, Department of Veterans Affairs.
1997	Research Methods Workshop Selection Committee, Society for General Internal Medicine.
1996	Health Services Research Abstract Selection Committee, Society for General Internal Medicine.
1996	Health Policy Health Administration Workshop Selection Committee, Society for General Internal Medicine.

BIBLIOGRAPHY

Peer Reviewed Publications

1. Hofer TP, Zemencuk JK, Hayward RA. "When there is too much to do: How practicing physicians prioritize among recommended interventions." J Gen Int Med. June 2004; (In press)
2. Vijan S, Hofer TP, Hayward RA. Barriers to adherence with diet in type 2 diabetes. In Press: Diabetic Medicine 11/03)
3. Hayward RA, Hofer TP, Krein S. Quality Improvement Initiatives: Issues in moving from diabetes guidelines to policy. In press Diabetes Care.
4. Heisler M, Vijan S, Anderson RM, Ubel PA, Bernstein SJ, Hofer TP. When Do Patients and Their Physicians Agree on Diabetes Treatment Goals and Strategies, and What Difference Does It Make? J. Gen Intern Med, Nov 2003; 18:893-902.
5. Lilford RJ, Mohammed MA, Braunholtz D, Hofer TP. The measurement of active errors: methodological issues. Qual. Saf. Health Care, Dec 2003; 12:(ii) 8 - 12.
6. Saint S, Hofer TP, Rose J, Kaufman SR, McMahon LF. The use of critical pathways to improve efficiency: a cautionary tale. Am J Manag Care. 2003 Nov;9(11):758-65.
7. Kachalia A, Shojania K, Hofer TP, Piotrowski M, Saint S. Does full disclosure of medical errors impact malpractice liability? The jury is still out. Jt Comm J Qual Saf. 2003 Oct;29(10):503-11.
8. Kerr E, Smith DM, Hogan MH, Hofer TP, Krein SL, Berman M, Hayward RA. Building a better quality measure: Are some patients with "poor quality" actually getting good care?" Med Care. 2003 Oct;41(10):1173-82.
9. Kim C, Hofer TP, Kerr EA. Review of evidence and explanations for suboptimal screening and treatment of dyslipidemia in women: a conceptual model. J Gen Intern Med. 2003 Oct;18(10):854-63.
10. Render ML, Kim HM, Welsh D, Johnston J, Hui S, Connors AF, Wagner D, Daley J, Hofer TP. Automated Intensive Care Unit Risk Adjustment: Results from a National VA study. Crit Care Med. 2003 Jun;31(6):1638-46.
11. Rosenberg AL, Hofer TP, Strachan C, Watts CM, Hayward RA. Accepting critically ill transfer patients: adverse impact on a referral center's outcome and benchmark measures. Annals of Internal Medicine. 2003(Jun);138(11):882-90.
12. Krein S, Hofer TP, Hayward RA., Kerr E. Who should we profile? Examining diabetes care practice variation among primary care providers, provider teams and healthcare facilities. Health Services Research. 2002(Oct);37(5):1159-80.
13. Kerr EA, Smith DM, Hogan MM, Krein SL, Pogach L, Hofer TP, Hayward, RA. Comparing clinical automated, medical record, and hybrid data sources for diabetes quality measures. Jt Comm J Qual Improv. 2002;28:555-65.

14. Hofer TP, Hayward RA. Are Bad Outcomes from Tough Clinical Decisions the Same as Medical Errors: A Case of Cascade Iatrogenesis. *Ann Intern Med.* 2002 Sep 3; 137(5 Part 1):327-33.
15. Williams BC, Hofer TP, Litzelman DK, Babbott SF, Lubitz RM. Validation of a global measure of teaching performance. *Academic Medicine* 2002 Feb;77(2):177-80
16. Kane SV, Schoenfeld P, Sandborn WJ, Tremaine W, Hofer T, Feagan BG. The effectiveness of budesonide therapy for Crohn's disease. *Aliment Pharmacol Ther.* 2002 Aug;16(8):1509-17.
17. Vijan, S.; Hwang, E. W.; Hofer, T. P., and Hayward, R. A. Which colon cancer screening test? A comparison of costs, effectiveness, and compliance. *Am J Med.* 2001 Dec 1; 111(8):593-601.
18. Nallamothu, B. K.; Saint, S.; Ramsey, S. D.; Hofer, T. P.; Vijan, S., and Eagle, K. A. The role of hospital volume in coronary artery bypass grafting: is more always better? *J Am Coll Cardiol.* 2001 Dec; 38(7):1923-30.
19. Kerr, E. A.; Krein, S. L.; Vijan, S.; Hofer, T. P., and Hayward, R. A. Avoiding pitfalls in chronic disease quality measurement: a case for the next generation of technical quality measures. *Am J Manag Care.* 2001 Nov; 7(11):1033-43.
20. Hayward RA , Hofer TP. Hospital Deaths "Due to Medical Errors": Preventability is in the Eye of the Beholder. *JAMA* 2001 Jul;286(4):415-420.
21. Rosenberg AL, Hofer TP, Hayward RA, Strachan C, Watts CM. Who bounces back? Physiologic and other predictors of intensive care unit readmission. *Crit Care Med.* 2001 Mar; 29(3):511-8.
22. Hofer TP, Kerr EA, Hayward RA. What is an error? *Effective Clinical Practice.* 2000 Nov; 3(6): 261-269
23. Saint S, Wiese J, Amory J, Bernstein M., Patel U., Zemencuk JK, Bernstein SJ, Lipsky BA, Hofer, TP. Are physicians aware of which of their patients have indwelling urinary catheters? *Am J Med.* 2000 Oct 15; 109(6):476-80.
24. Render ML, Lott JK, Finley J., Janz T, Weinberger M, Hayward R, Welsh D, Hofer TP. Automated computerized intensive care unit severity of illness measure in the Department of Veterans Affairs: preliminary results. SISVistA Investigators. Scrutiny of ICU Severity Veterans Health Systems Technology Architecture. *Crit Care Med.* 2000 Oct; 28(10):3540-6.
25. Hofer TP, Vijan S, Hayward RA. "Estimating the microvascular benefits of screening for type 2 diabetes." *International Journal for Quality in Health Care*, 2000 July, 16(3): 1-12.
26. Katz, S. J.; Zemencuk, J. K., and Hofer, T. P. Breast cancer screening in the United States and Canada, 1994: socioeconomic gradients persist. *Am J Public Health.* 2000 May; 90(5):799-803.

27. Vijan S, Hofer TP, Hayward RA. "Cost-utility analysis of screening intervals for diabetic retinopathy in patients with type 2 diabetes mellitus.?" JAMA, 2000 Feb 16, 283(7): 889-896.
28. Hofer TP, Bernstein SJ, DeMonner S, Hayward RA. "Discussion between reviewers does not improve reliability of peer review of hospital quality." Medical Care, 2000 Feb, 38(2):152-61
29. Hofer TP, Hayward RA, Greenfield S, Wagner E, Kaplan SH, Manning W. "The unreliability of individual physician 'Report Cards' for assessing the costs and quality of care of a chronic disease." JAMA 1999 Jun, 281(22):2098-2105.
30. Thomas JW, Hofer TP. Accuracy of risk-adjusted mortality rate as a measure of hospital quality of care. Medical Care. 1999 Jan, 37(1):83-92.
31. Thomas JW, Hofer TP. Research evidence on the validity of risk-adjusted mortality rate as a measure of hospital quality of care. Medical Care Research and Review. 1998 Dec; 55(4):371-404.
32. Thomas JW, Bates EW, Hofer T, Perkins A, Foltz-Murphy N, Webb C. Interpreting risk-adjusted length of stay patterns for VA hospitals. Medical Care. 1998; 36(12):1660-1675.
33. Hofer TP, Wolfe RA, Tedeschi PJ, McMahon LA, Griffith JR. Use of community versus individual socioeconomic data in predicting variation in hospital use. Health Services Research. June 1998; 33(2): 243-259.
34. Vijan S, Hofer TP, Hayward RA. Estimated benefits of glycemic control in microvascular complications in Type 2 diabetes. Ann Int Med. 1997; 127(9):788-795.
35. Hofer TP, Bernstein SJ, Demonner S, Hayward RA. Validating Quality Indicators for Hospital Care. Jt Comm J Qual Improv. 1997; 23(9):455.
36. Bernstein SJ, Hofer TP, Annejet P, Meijler A, Rigter H. Setting standards for effectiveness: a comparison of expert panels and decision analysis. International Journal for Quality in Health Care. 1997; 9:15-22.
37. Hofer TP, Katz S. Healthy behaviors among women in the United States and Ontario: the effect on use of preventive care. Am J. of Pub Health. Dec 1996; 86(12):1755-1759.
38. Katz S, Hofer TP, Manning WG. Hospital utilization in Ontario and the United States - the impact of socioeconomic-status and health-status. Canadian Journal of Public Health. 1996; 87(4):253-256.
39. Hofer TP, Hayward RA. Identifying poor-quality hospitals: Can hospital mortality rates detect quality problems for medical diagnoses. Medical Care. Aug 1996; 34(8):737-753.
40. Katz S, Hofer TP. Physician use in Ontario and the United States: The Impact of socioeconomic status and health status. Am J Public Health. Apr 1996; 86:520-524.
41. Hofer TP, Hayward RA. Can early re-admission rates accurately detect poor-quality hospitals? Medical Care. Mar 1995 33(3); 234-245.

42. Katz S, Hofer TP. Socioeconomic disparities in preventive care persist despite universal coverage. Breast and cervical cancer screening in Ontario and the United States. JAMA. 1994; 272(7):530-4.
43. Hofer T, Weissfeld J. Designing a simpler high blood cholesterol case detection strategy: Are the advantages of the NCEP Protocol worth the complexity? Medical Decision Making. 1994; 14(4):357-368.
44. Goold S, Hofer T, Hayward RA. Measuring Physician Attitudes Postulated to Influence Practice style. J. Gen Int Med. October 1994; 9:544-549.

Non Peer Reviewed Publications

45. Hofer TP. Adjustment of physician profiles for patient socioeconomic status using aggregate geographic data. Medical Care. Jan 2001; 39(1):4-7.
46. Hofer T, McMahon LF. Review of Imperiale TF, McCullough AJ. Corticosteroids and alcoholic hepatitis. 1991 Jan; 13(1) 199-201.

Articles Submitted for Publication

1. Hofer TP, Asch SM, Hayward RA, Rubenstein LV, Hogan M, Adams J, Kerr EM. Measuring quality of care: is there a role for peer review?
2. Hayward RA, Kent DM, Vijan S, Hofer TP. Using clinical subgroup analysis to inform clinical practice, Part I. The hazards of the conventional approach to subgroup analyses.
3. Nallomathu, Saint S, Hofer TP, Bernstein SJ, Vijan S, Hospital Volume and Outcome in Coronary Artery Bypass Grafting: A Risk Paradox?"
4. Nallamothu BK, Shojania KG, Saint S, Hofer TP, Humes HD, Moscucci M, Bates ER. Acetylcysteine for Prevention of Contrast-Related Nephropathy: A Meta-Analysis.
5. Chernew, ME, Jacobsen PD, Hofer TP, Aaronson KD, Fendrick AM. Why managed care did not stop health care cost inflation.
6. Hayward RA, Asch SM, Hogan MM, Hofer TP, Kerr EA. Sins of omission paper. Getting too little medical care may be the greatest threat to patient safety.

Abstracts

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